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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/913,906	01/22/2002	Hendrik Antonius Hoogland	294-106PCT/US	7316

7590 12/27/2007  
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EXAMINER

JOHNSON, JERROLD D

ART UNIT	PAPER NUMBER
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3728

MAIL DATE	DELIVERY MODE
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12/27/2007

PAPER



**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Interview Summary**

Application No.

09/913,906

Applicant(s)

HOOGLAND ET AL.

Examiner

Jerrold Johnson

Art Unit

3728

All participants (applicant, applicant's representative, PTO personnel):

(1) Jerrold Johnson.

(3) \_\_\_\_\_.

(2) Steven Zuschlag.

(4) \_\_\_\_\_.

Date of Interview: 06 December 2007.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.  
If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: proposed amended claims 19-48.


Identification of prior art discussed: Butcher, Sammet Heiligers.

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: see the attached interview summary/reasons for allowance.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

  
Mickey Yu  
Supervisory Patent Examiner  
Group 37C0

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

\_\_\_\_\_  
Examiner's signature, if required

Interview Summary/Reasons for Allowance of proposed claims 19 and 42

Proposed claim 19 sets forth a method of manufacturing a storage device for data carriers.

A first storage device is manufactured so that it includes first and second integrally molded protective means, where both of the first and second integrally molded protective means include product information that is specific to the data carrier stored in the first storage device.

A second storage device is manufactured so that it includes third and fourth integrally molded protective means, where both of the third and fourth integrally molded protective means include product information that is specific to the data carrier stored in the second storage device.

The second protective means and the fourth protective means are in the form of a hologram.

Proposed claim 42 sets forth the structure of the storage device described in the method claim 19.

During the examination of this application, the Examiner previously rejected claims that set forth a single protective means in the form of a hologram (citing the reference to Butcher WO 98/19305), and claims that set forth a single protective means in the form of text (citing Heiligers WO 97/20315 and Sammet US 4,978,005).

With respect to Butcher, the Examiner has previously submitted that this reference does not set forth integral molding of the hologram on the storage device, although the reference does set forth the integral molding of an image. See page 10, line 27-31. The Examiner is of the belief that the hologram described in this passage is added through an adhesive. At that point in time, holograms were adhesively applied to credit cards. Credit cards were then and remain the most common application for security based holograms. There is no mention in Butcher of including information in the described image is specific to the data carrier. Nor is there any mention that the information in the hologram is specific to the data carrier. Finally, there is also no mention that the image is created in the manner set forth in claim 19. The image is not likely formed by placing something in a mold (integral molding, in mold labeling, etc.), but is instead likely formed by cutting an image in the mold itself. Accordingly, a rejection of proposed claims 19 and 42 based on Butcher would require a significant amount of modifications through teachings that are not in the prior art of record.

With respect to the Heiligers WO 97/20315 and Sammet US 4,978,005, these two references together do set forth a strong rejection of a *single* protective means in the form of *text* that is integrally molded to a storage device, and where the text is specific to the data carrier. However, using these two references together as a starting point for a rejection of claims 19 and 42 would require the use of Butcher as a teaching for adding a hologram, another reference to suggest that the hologram would be integrally molded to the storage device, and a final reference to teach the adding of information to the hologram that is specific to the information in the data carrier. This level of modification necessitates the building of a magnificent house of cards with

hindsight as a blueprint. Indeed, many credit cards now have adopted the use of integral molding for holograms, so a modification of a (second) modifying reference (Butcher) can be contemplated, at least briefly. But, the information in these credit card holograms is not linked to a data carrier, nor is it placed on a storage device for a data carrier.

From the above it can be seen that claims 19 and 42 do set forth an inventive concept that is patentable.

It is understood that the proposed claims 19 and 42, along with their dependents, will be submitted with a continuation application.

Our Docket: 294-106 PCT/US/RCE (0386)

DATE: December 6, 2007

**FACSIMILE TRANSMISSION COVER SHEET**

TO: Examiner Jerrold D. Johnson  
FAX NO.: 571-273-7141  
FROM: Steven T. Zuschlag, Esq.  
RE: Proposed amendment pursuant to discussion during the  
telephone interview earlier today

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## PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 09/913,906  
Applicants : Hoogland et al.  
Filed : January 22, 2002  
Title : STORAGE DEVICE HAVING  
PROTECTIVE MEANS  
TC/A.U. : 3728  
Examiner : Johnson, Jerrold  
Conf. No. : 7316  
Docket No. : 294-106 PCT/US  
Dated : December 6, 2007

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Signed: \_\_\_\_\_

**PROPOSED AMENDMENT  
FOR DISCUSSION PURPOSES ONLY**

Sir:

In response to the Non-Final Office Action dated June 7, 2007, please amend the application in accordance with 37 C.F.R. §1.121, as follows:

Amendments to the Claims are reflected in the listing of the claims which begin on page 2 of this paper.

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Amdt. dated December 6, 2007  
Reply to Non-Final Office Action of June 7, 2007

### LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-18 (Canceled)

19. (Currently Amended) A method for manufacturing storage devices for plate-shaped data carriers, each of said storage devices having a first and a second cover pivotally connected, a fixing means for fixing the data carrier within the storage device, said storage device being injection molded from plastic, and a protective means, the method comprising the steps of:

placing a first protective means in a mold, placing a second protective means in the form of a hologram in the mold and subsequently forming at least a portion of a first storage device against or around the first and second protective means in the mold through injection molding, such that the first and second protective means cannot be removed from the relevant part without damage, said first and second protective means having product information specific to a first data carrier to be stored in said first storage device;

placing a third ~~second~~ protective means in the mold, placing a fourth protective means in the form of a hologram in the mold and subsequently forming at least a portion of a second storage device against or around said third and fourth ~~second~~ protective means by injection molding, said third and fourth ~~second~~ protective means having product information specific to a second data carrier to be stored in said second storage device, wherein said product information of said first and second protective means is different from said product information of said third and fourth ~~second~~ protective means; and

controlling the placing of the ~~first and second~~ protective means with a computer, wherein said product information for each individual data carrier can be adjusted.

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20. (Previously Presented) A method according to claim 19, wherein both the first and second storage devices are injection molded in one piece.

21. (Currently Amended) A method according to claim 19, wherein said first and ~~third~~ ~~second~~ protective means comprise a printing provided in the mold prior to forming said storage devices, said printing of said first protective means being different from said printing of said ~~third~~ ~~second~~ protective means and whereupon plastic in the mold is provided against the printing or a carrier carrying the printing, such that the printing will form an integral part of the storage device or a part thereof to be formed in the mold.

22. (Previously Presented) A method according to claim 21, wherein the printing is introduced into the mold on a carrier.

23. (Previously Presented) A method according to claim 22, wherein the carrier is turned towards the adjacent wall of the mold and the plastic is provided against the opposite side.

24. (Previously Presented) A method according to claim 22, wherein the carrier is slightly stretched before or during placement in the mold, such that it is pulled taut.

25. (Previously Presented) A method according to claim 22, wherein such a carrier is applied that under the influence of at least the temperature of the plastic provided there against, it burns or sublimes, while the printing is incorporated on or into the plastic.

26. (Previously Presented) A method according to claim 22, wherein the carrier fuses with the plastic.



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27. (Previously Presented) A method according to claim 22, wherein the carrier with printing is supplied as a strip, in particular from a roll, and is cut directly before or during placement.
28. (Previously Presented) A method according to claim 21, wherein the printing is designed as transfer ink.
29. (Previously Presented) A method according to claim 21, wherein the printing is provided in the mold through impressing or printing on a wall part of the mold or a carrier provided thereon.
30. (Canceled)
31. (Currently Amended) A method according to claim 21, wherein the first protective means comprises a bar-code (36) or the like is provided.
32. (Previously Presented) A method according to claim 21, wherein a carrier is provided in the mold having a printing on two sides, the plastic being provided against the carrier and undetachably connected thereto.
33. (Original) A method according to claim 32, wherein the carrier is at least partially transparent.
34. (Currently Amended) A method according to claim 19, wherein the first protective means (35, 123, 38, 38a, 36, 37) comprise magnetic and/or electronic means which are positioned on a carrier in the mold (101), whereupon plastic is squirted around the magnetic and/or electronic means, such that the carrier is enclosed or incorporated therein or disappears therein, for instance through burning or sublimation.

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Claims 35-41 (Canceled)

42. (New) A storage device for a plate-shaped data carrier comprising:  
a first and a second cover pivotally connected;  
a fixing means for fixing the data carrier within the storage device;  
a first protective means integrally injection molded within one of said first and second covers such that said first protective means cannot be removed from the storage device without damage, said first protective means having product information specific to a data carrier to be stored in said storage device; and  
a second protective means in the form of a hologram integrally injection molded within one of said first and second covers such that said second protective means cannot be removed from the storage device without damage, said second protective means having product information specific to the data carrier to be stored in said storage device.
43. (New) A storage device as defined in Claim 42, wherein said first and second covers and said fixing means are injection molded in one piece.
44. (New) A storage device as defined in Claim 42, wherein said first protective means comprise a printing provided in a mold prior to forming said storage device, whereupon plastic in the mold is provided against the printing or a carrier carrying the printing, such that the printing will form an integral part of the storage device or a part thereof to be formed in the mold.
45. (New) A storage device as defined in Claim 44, wherein the printing comprises a transfer ink.
46. (New) A storage device as defined in Claim 42, wherein the first protective means comprises a bar-code.

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47. (New) A storage device as defined in Claim 44, wherein said printing is a double-sided printing.

48. (New) A storage device as defined in Claim 42, wherein said first protective means comprises magnetic and/or electronic means.